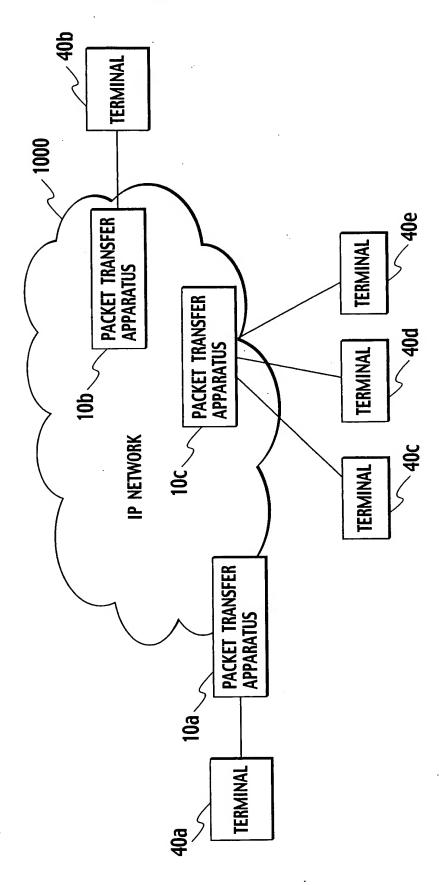
Inventors: Etsuko KOYANAGI et al. et al.
Filed: January 28, 2005
Title: Retry Communication Control Method and System, Packet Transfer Possibility
Determination Method, Packet Transfer Apparatus, Packet Transfer
System, Packet Monitor Method. Call Control Apparatus, Monitor
Apparatus and Programs
Attorney Docket: 44471/311941
Attorney of Record: Brenda O. Holmes
Phone: 404,815,6500
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Inventors: Fisuko KQYANAGI et al. et al.
Filed: January 28, 2005
Title: Retry Communication Control Method and System, Packet Transfer Possibility
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FIG.2

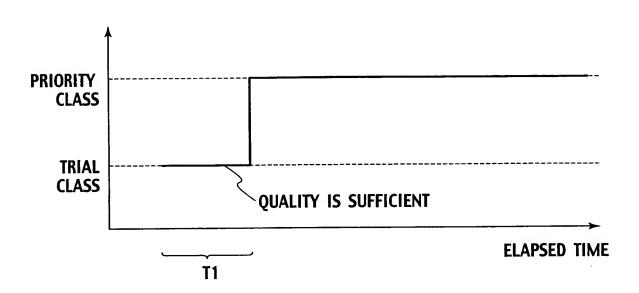
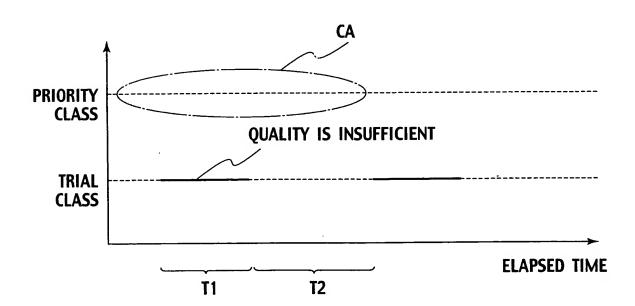
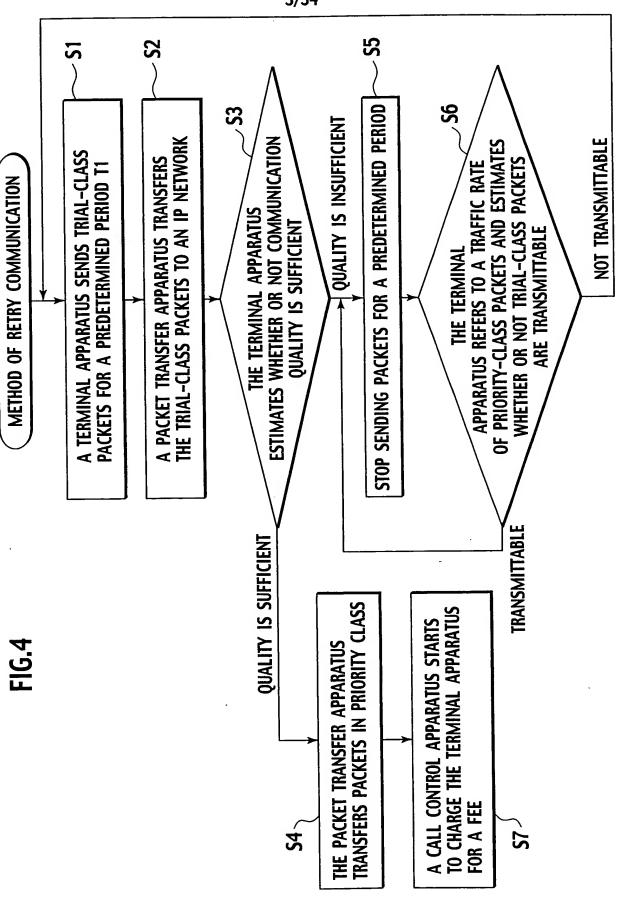


FIG.3

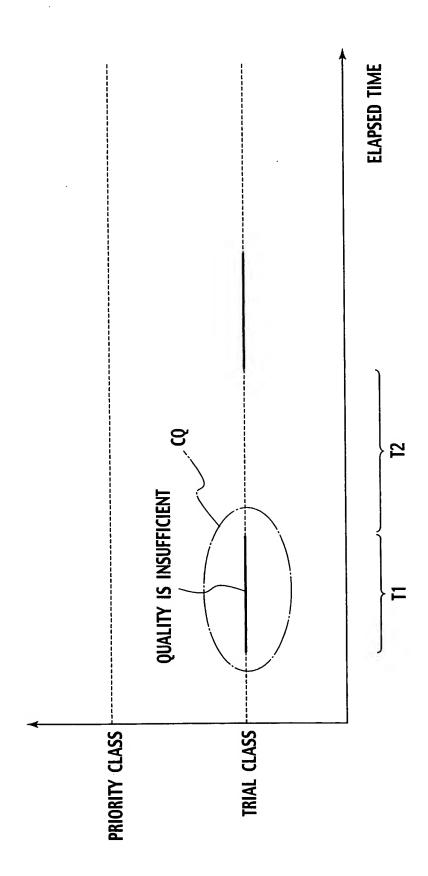


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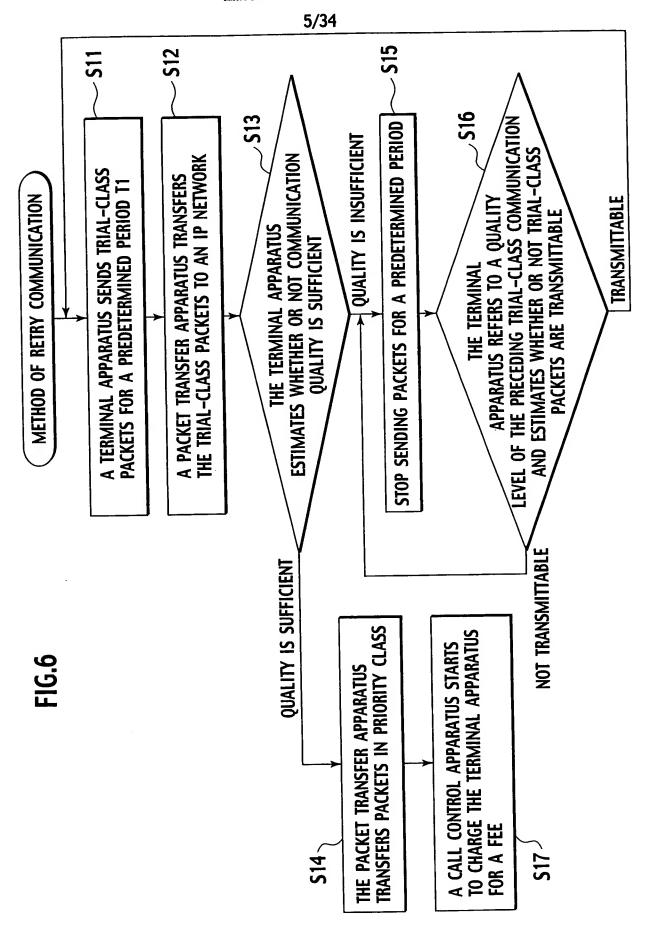




Inventors: Etsuke KOVANAGI et al. et al.
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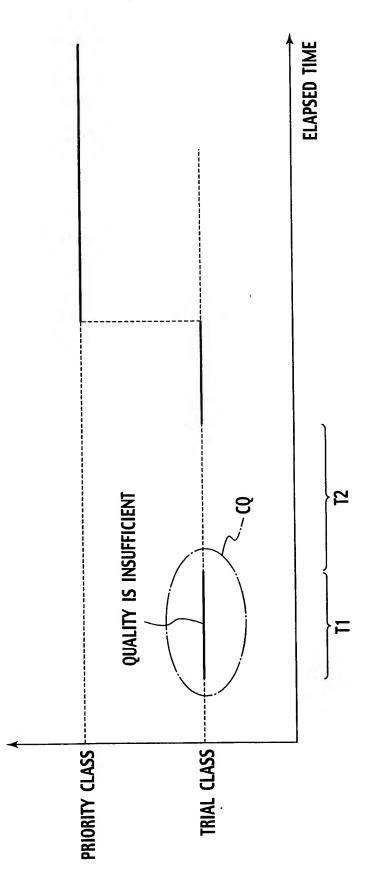


Inventors: Etsuko KOYANAĞI et al. et al.
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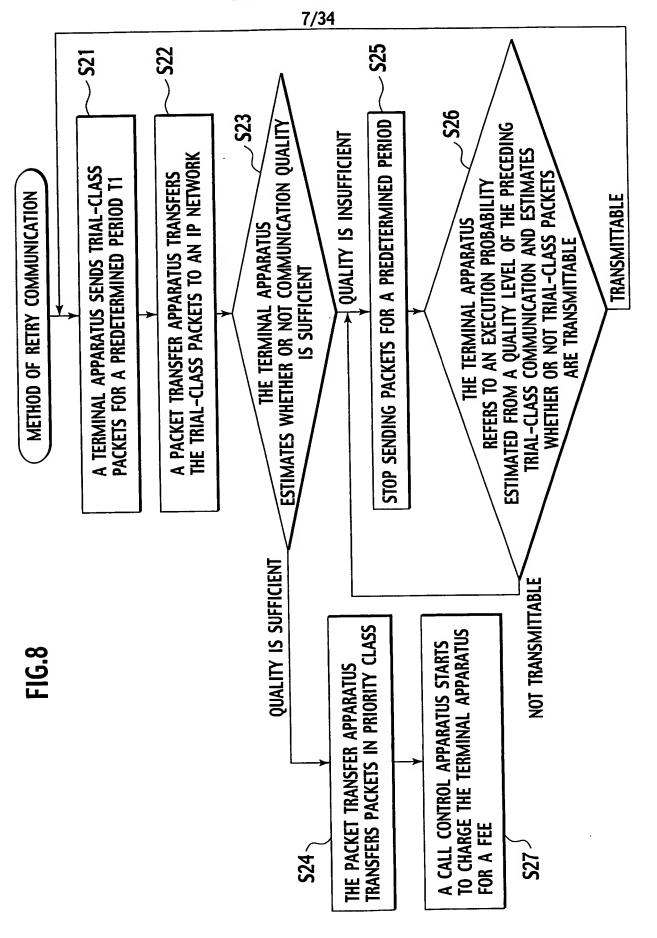


Inventors: Etsuko KÖYANAÖl et al. et al.
Filed: January 28, 2005
Title: Reiry Communication Control Method and System, Packet Transfer Possibility
Determination Method, Packet Transfer Apparatus, Packet Transfer
System, Packet Monitor Method, Call Control Apparatus, Monitor
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Attorney Docket: 44471/311941
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Phone: 404.815.6500
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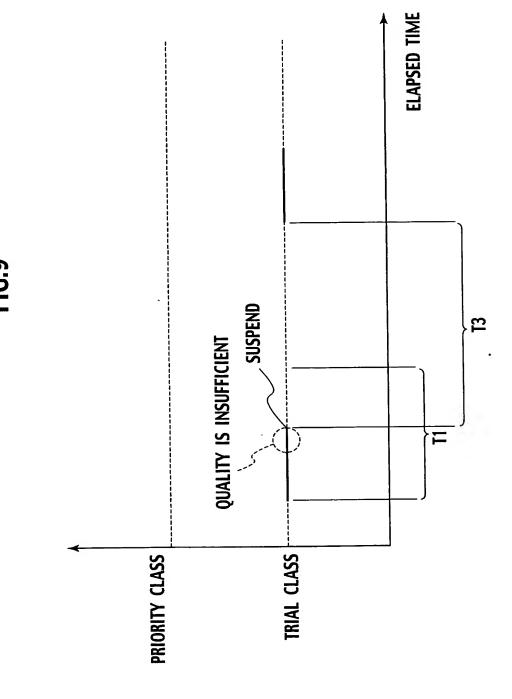
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Attorney Docket: 44471/311941
Attorney of Record: Brenda O, Holmes
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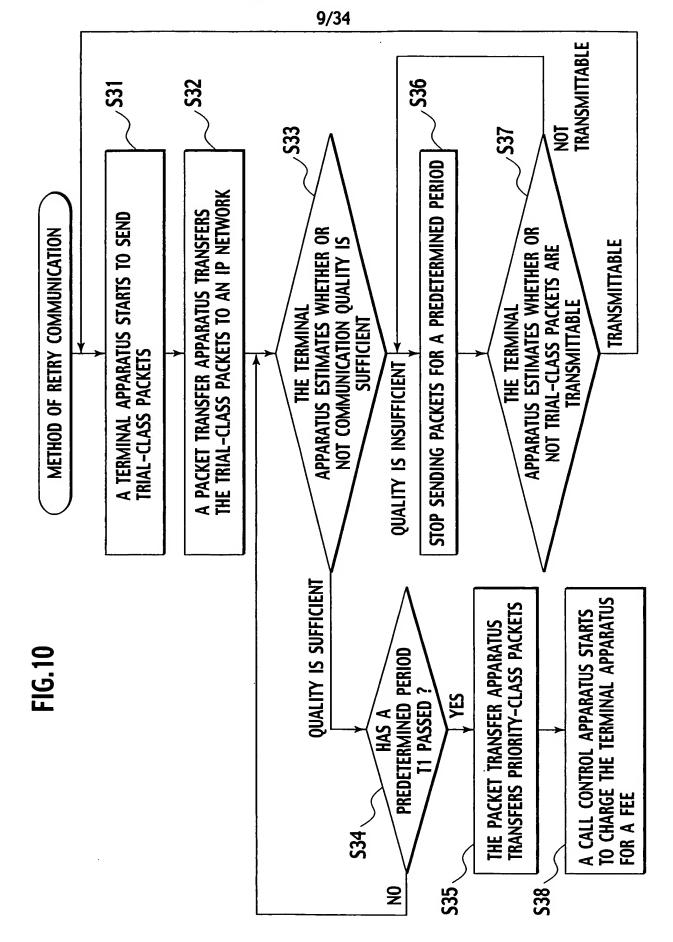


Inventors: Etruko KAYANASII et al. et al.
Filed: January 28, 2005
Title: Retry Communication Control Method and System, Packet Transfer Possibility
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System, Packet Monitor Method, Call Control Apparatus, Monitor
Apparatus and Programs
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Attorney of Record: Brenda O. Holmes
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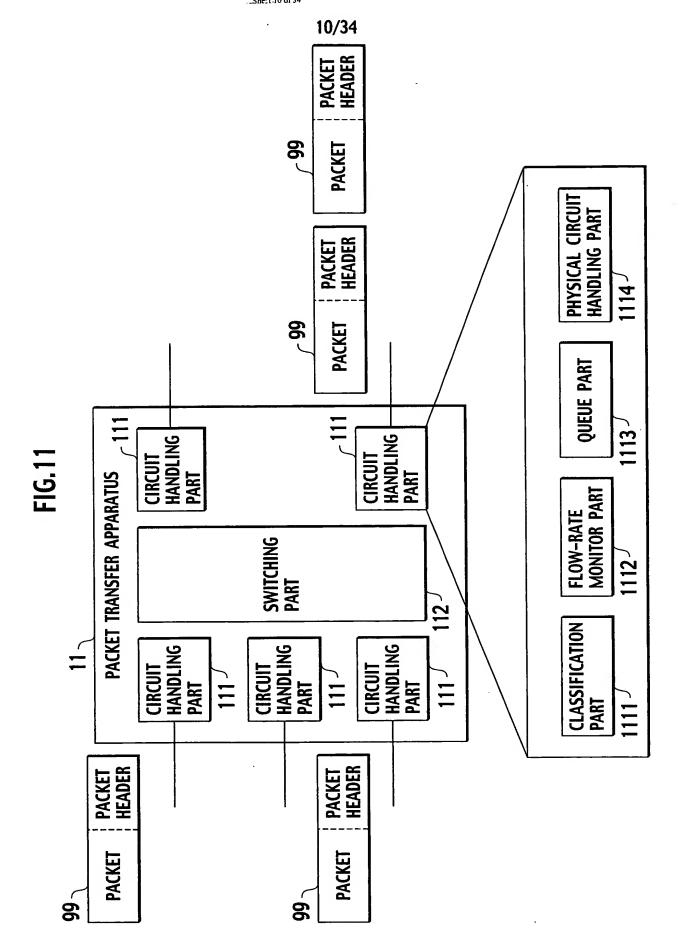


Inventoris: Etsüks KOYANJAGI et al. et al.
Filed: January 28, 2005
Title: Rery Communication Control Method and System, Packet Transfer Possibility
Determination Method, Packet Transfer Apparatus, Packet Transfer
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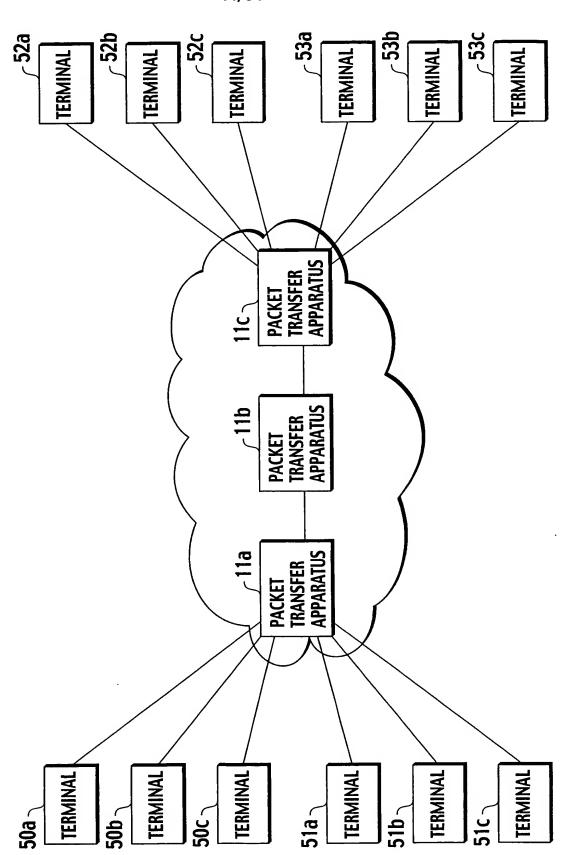
System, Packet Monitor Method, 6
Apparatus and Programs
Attorney Docket: 44471/311941
Attorney of Record: Brenda O. Holmes
Phone: 404.815.6500
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Inventors: Fisukn ΚΩΥΑΝΑGI et al. et al.
Filed: January 28, 2005
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Attorney of Record: Brenda O. Holmes
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Inventors: Fisiko. KQYANAGI et al. et al.
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Inventore: Etsuke KOYAPIAGI et al. et al.
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Apparatus and Programs
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FIG.13

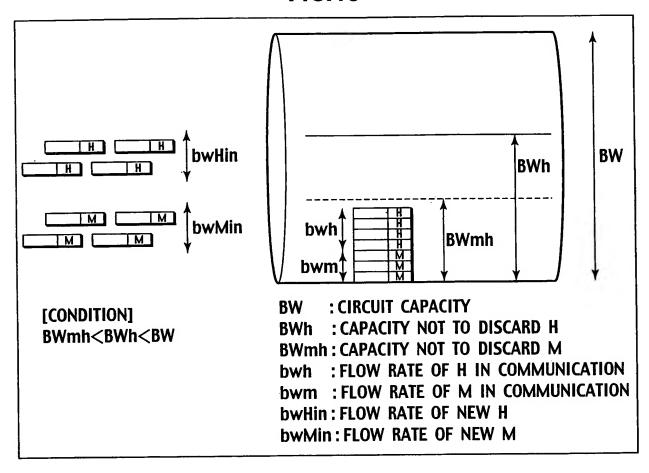
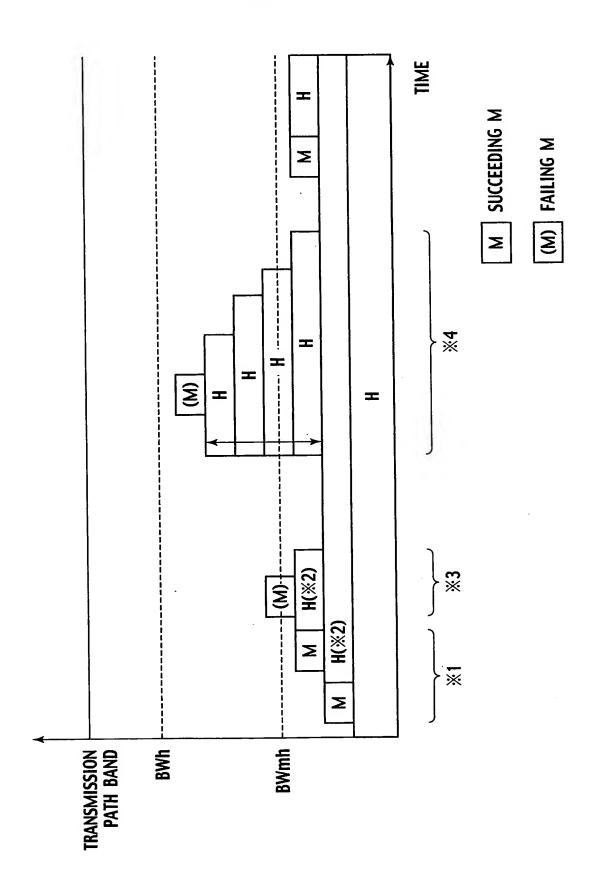
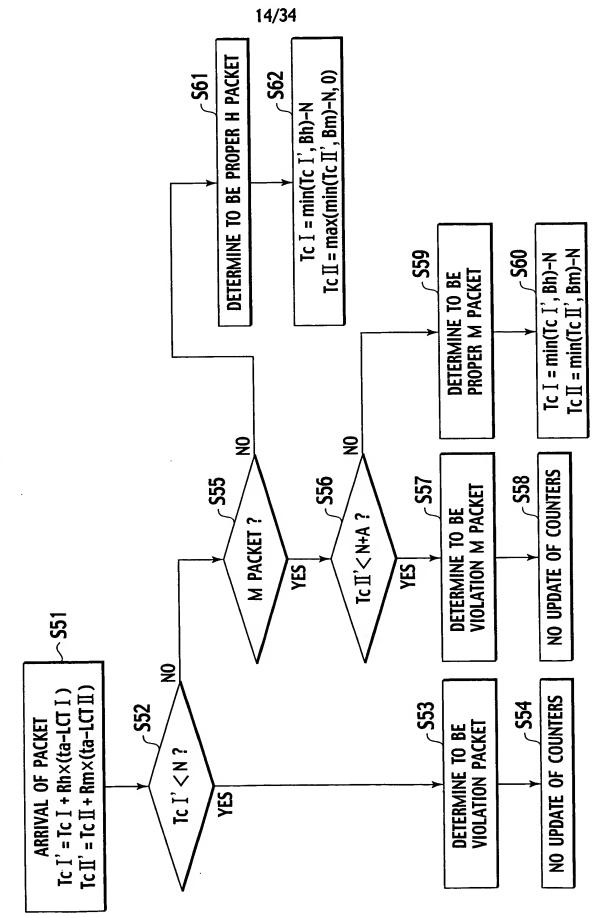


FIG.14B FIG.14A INFLOW OF H INFLOW OF M FLOW RATE: bwHin ~ **S45** FLOW RATE: bwMin ∕~ S41 DSCP: H DSCP: M **S46 S42** BWh≧ BWmh≥ N₀ NO bwHin+bwm bwMin+bwm +bwh? +bwh? YES YES **S47 S48 S43 S44 DISCARD M-CLASS** DISCARD H-CLASS TRANSFER **TRANSFER**



System, Packet Monitor Method, v Apparatus and Programs Attorney Docket: 44471/311941 Attorney of Record: Brenda O. Holmes Phone: 404.815.6500 Sheet 14 of 34



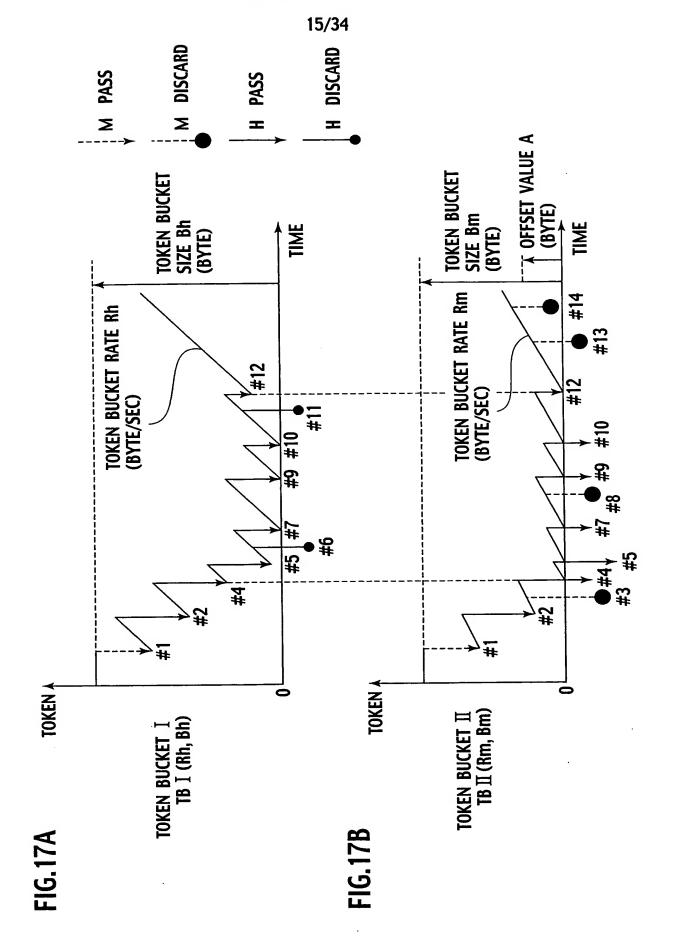
Inventors: Fisuko KOYANAGI et al. et al. Filed: January 28, 2005

Title: Retry Communication Control Method and System, Packet Transfer Possibility Determination Method, Packet Transfer Apparatus, Packet Transfer System, Packet Monitor Method. Call Control Apparatus, Monitor Apparatus and Programs

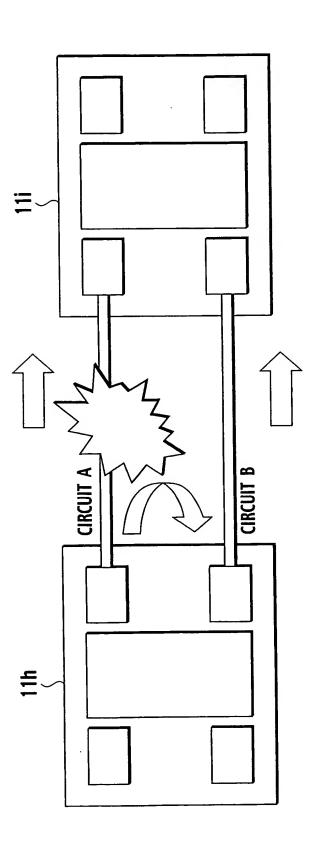
Attorney Docket: 44471/311941

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Phone: 404,815,6500

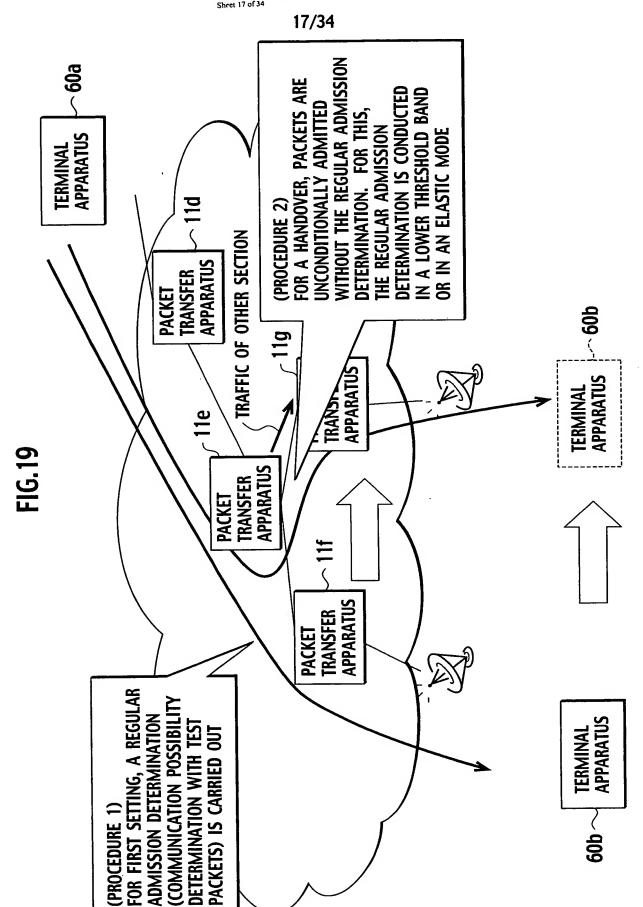
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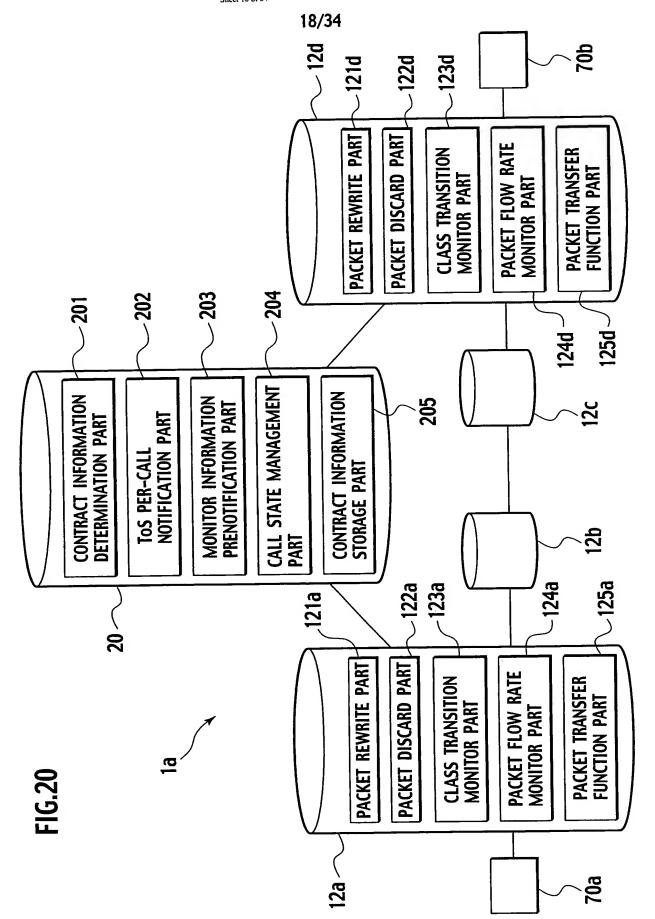
Inventors: Etsuko KQYANAGI et al. et al.
Filed: January 28, 2005
Title: Retry Communication Control Method and System, Packet Transfer Possibility
Determination Method, Packet Transfer Apparatus, Packet Transfer
System, Packet Monitor Method, Call Control Apparatus, Monitor
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Inventors: Etsuko KUYANAGI et al. et al.
Filed: January 28, 2005
Title: Rerry Communication Control Method and System, Packet Transfer Possibility
Title: Rerry Communication Method, Packet Transfer Apparatus, Packet Transfer
System, Packet Monitor Method, Call Control Apparatus, Monitor
Apparatus and Programs
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Inventors: Etsuko KOYANAÖl et al. et al.
Filed: January 28, 2005
Title: Rery Communication Control Method and System, Packet Transfer Possibility
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Attorney of Record: Brenda O. Holmes
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Inventors: Elsuko KQYANAGI et al. et al.
Filed: January 28, 2005
Title: Retry Communication Control Method and System, Packet Transfer Possibility
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Apparatus and Programs
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FIG.21

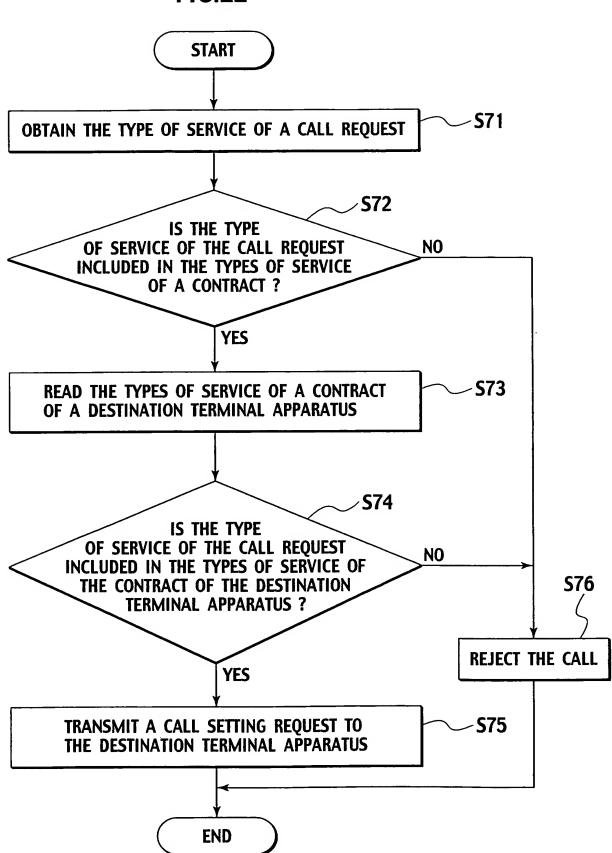
TYPE OF SERVICE (ToS)	PRIORITY (LEVEL)
000	-
001	-
010	М
011	-
100	H
101	
110	-
111	_

Inventors: Elsuko KOYANAGI et al. et al. Filed: January 28, 2005 Title: Retry Communication Control Method and System, Packet Transfer Possibility Determination Method, Packet Transfer Apparatus, Packet Transfer System, Packet Monitor Method, Call Control Apparatus, Monitor

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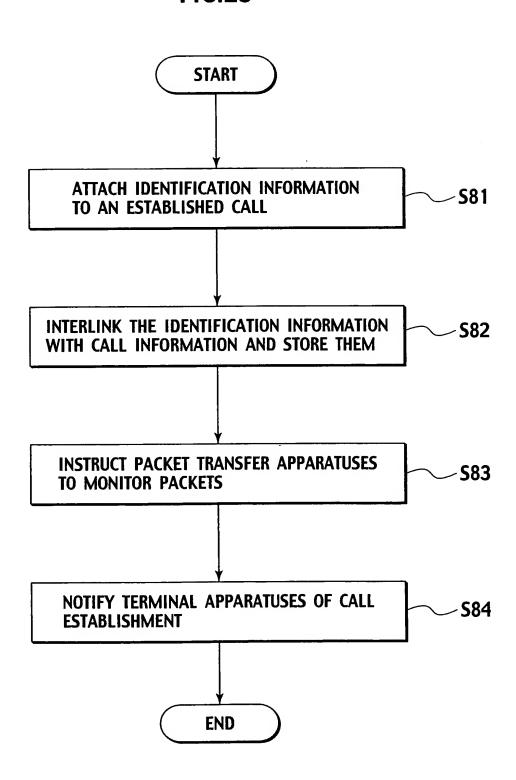
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FIG.22



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FIG.23



Inventors: Etsuko KOYANAGI et al. et al.
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Title: Retry Communication Control Method and System. Packet Transfer Possibility
Determination Method, Packet Transfer Apparatus, Packet Transfer
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Attorney of Record: Brenda O. Holmes
Phone: 404.815.6500
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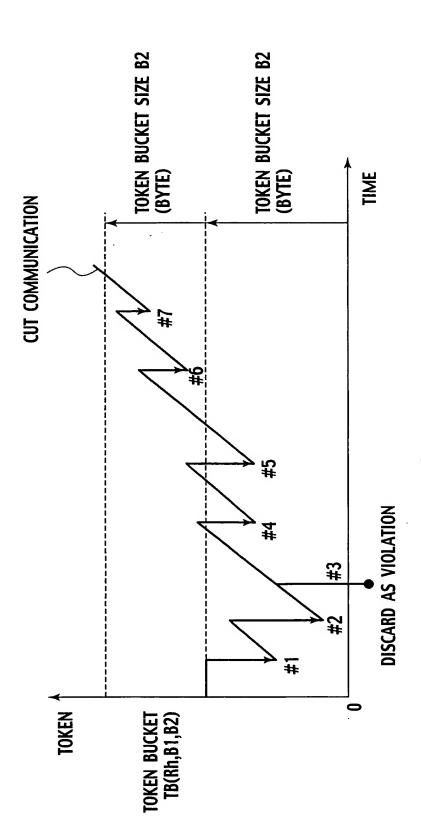
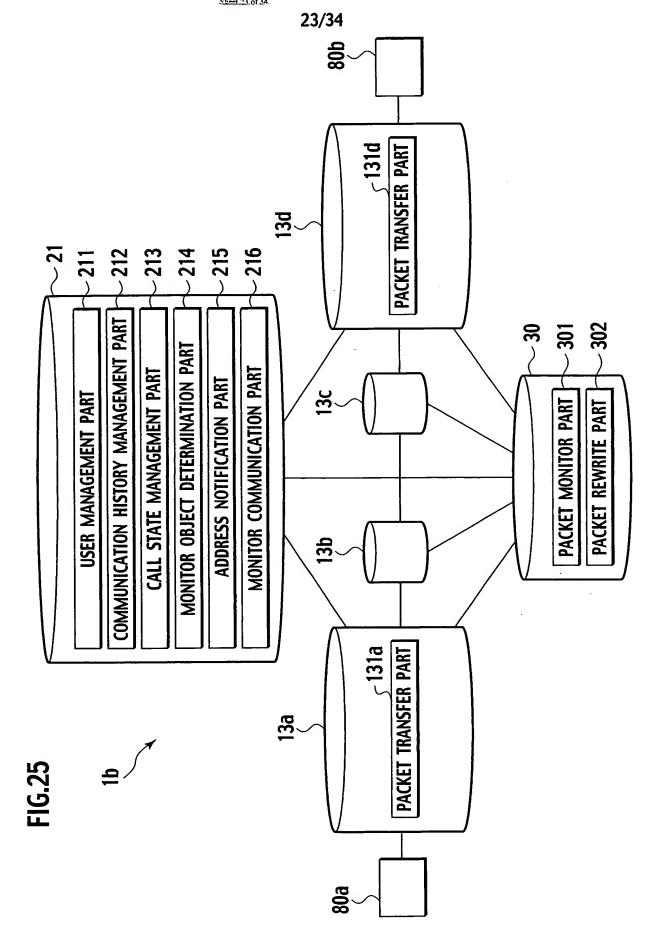


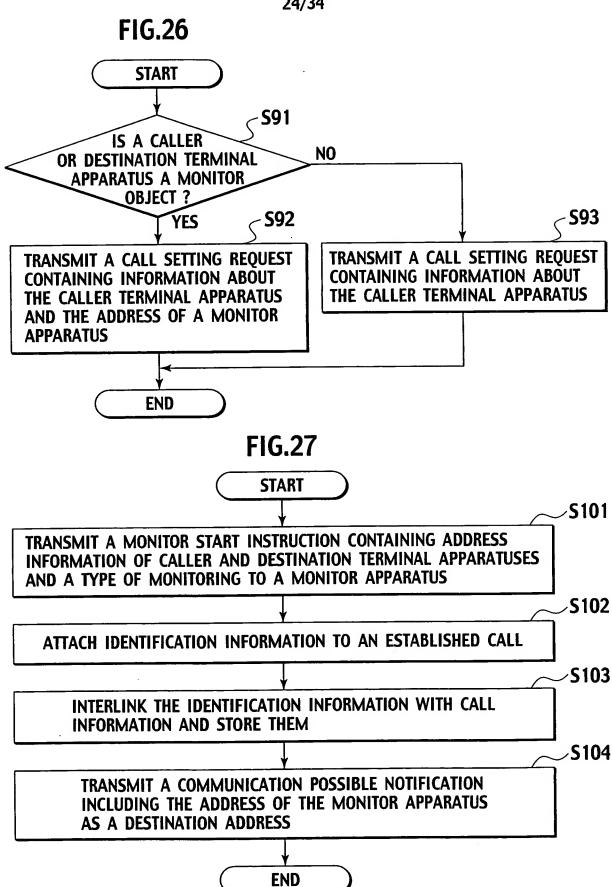
FIG.24

Inventors: Etsuko KOYANAGI et al. et al.
Filed: January 28, 2005
Title: Rerry Communication Control Method and System, Packet Transfer Possibility
Determination Method, Packet Transfer Apparatus, Packet Transfer
System, Packet Monitor Method, Call Control Apparatus, Monitor
Apparatus and Programs
Attorney Docket: 44471/311941
Attorney of Record: Brenda O. Holmes
Phone: 404.815.6500
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Inventors: Etsuko KOYANAĞİ et al. et al. Title: Retry Communication Control Method and System, Packet Transfer Possibility
Title: Retry Communication Method, Packet Transfer Apparatus, Packet Transfer
System, Packet Monitor Method, Call Control Apparatus, Monitor
Apparatus and Programs
Attorney Docket: 44471/311941

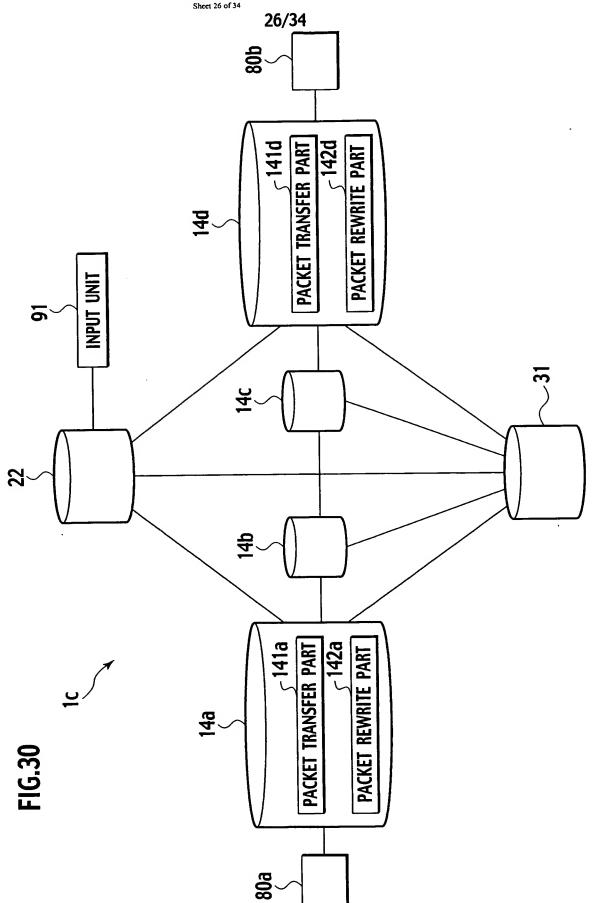
Attorney of Record: Brenda O. Holmes Phone: 404.815.6500 Sheet 24 of 34



READ A TYPE OF MONITORING AND A TRUE DESTINATION ADDRESS ACCORDING TO THE ORIGINATOR ADDRESS OF A RECEIVED PACKET CARRY OUT A MONITORING PROCESS ACCORDING TO THE TYPE OF MONITORING REWRITE THE DESTINATION ADDRESS OF THE RECEIVED PACKET INTO THE TRUE DESTINATION ADDRESS REWRITE THE ORIGINATOR ADDRESS OF THE RECEIVED PACKET INTO THE ADDRESS OF A MONITOR APPARATUS TRANSMIT THE PACKET WITH THE REWRITTEN ADDRESSES **START IS A CALLER** OR DESTINATION TERMINAL APPARATUS MONITOR OBJECT ? YES OBTAIN, FROM A MONITOR APPARATUS, AN ADDRESS TO BE NOTIFIED TO THE CALLER AND DESTINATION TERMINAL APPARATUSES CALLER TERMINAL APPARATUS TRANSMIT A CALL SETTING REQUEST CONTAINING INFORMATION ABOUT THE CALLER TERMINAL APPARATUS AND THE ADDRESS OF THE MONITOR APPARATUS ≤ S123

END

Inventors: Etsuko KOYANAGI et al. et al.
Filed: January 28, 2005
Title: Retry Communication Control Method and System, Packet Transfer Possibility
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System, Packet Monitor Method, Call Control Apparatus, Monitor
Apparatus and Programs
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Inventors: Etsuko KÖYANAGI et al. et al.
Filed: January 28, 2005
Title: Retry Communication Control Method and System, Packet Transfer Possibility
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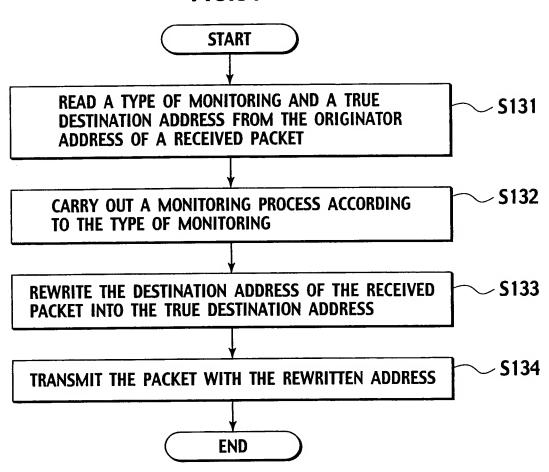


FIG.32

15a

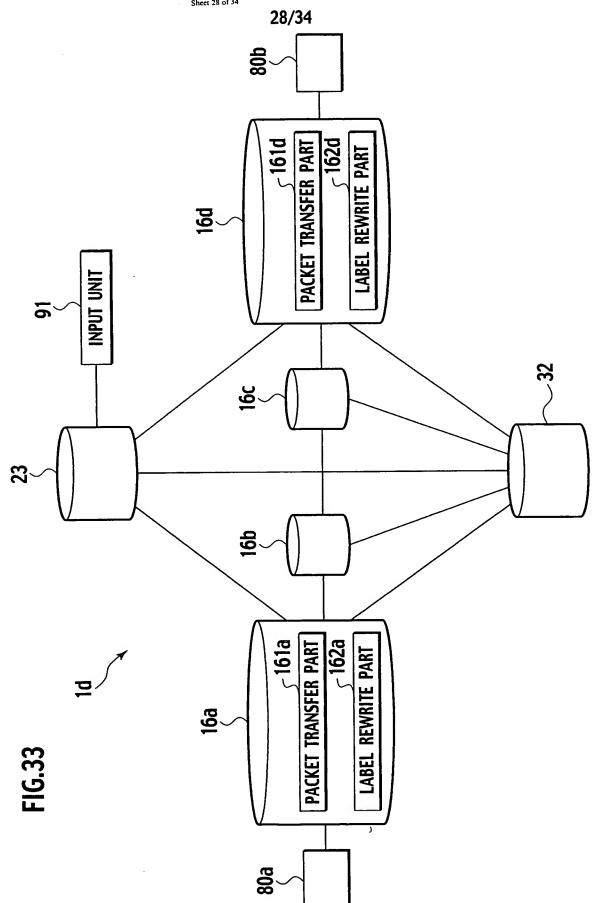
151a

PACKET TRANSFER PART

152a

PACKET COPY PART

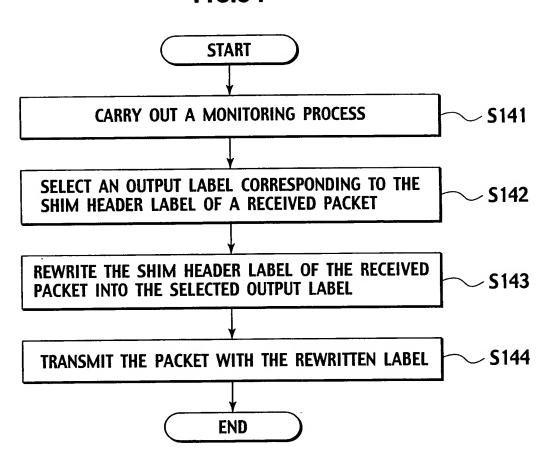
Inventors: Etsuko KOYANACI et al. et al.
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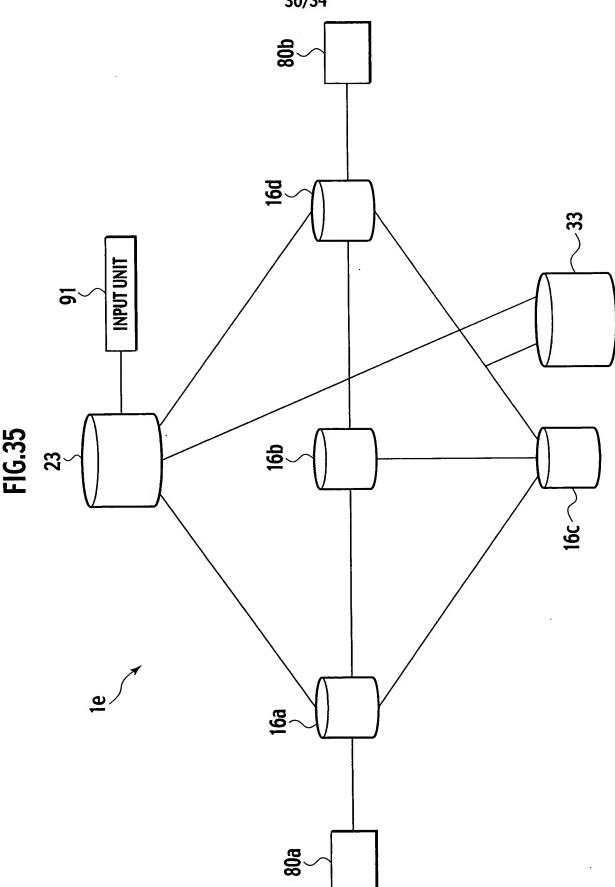
Inventors. Etsuke KOVANAGI et al. et al. Inventors. Etsuke KOYANAGI et al. et al. Fried: January 28, 2005
Filed: January 28, 2005
Filed: Rery Communication Control Method and System. Packet Transfer Possibility Determination Method. Packet Transfer Apparatus. Packet Transfer System, Packet Monitor Method. Call Control Apparatus. Monitor Apparatus and Programs
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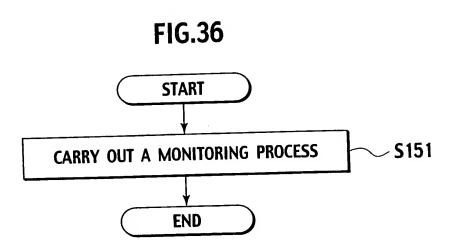
FIG.34

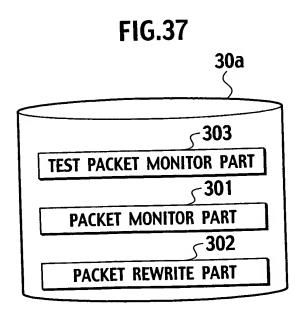


Inventors: Etsuko ROYANAGI et al. et al.
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Inventors: Eisuko KO YANAGI et al et al
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Attorney of Record: Brenda O. Holmes
Phone: 404,815,6500
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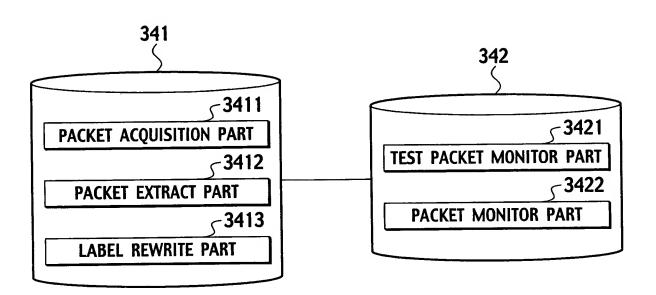




Inventors: Etsuko KOYANAGI et al et al Filed: January 28, 2005
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FIG.38

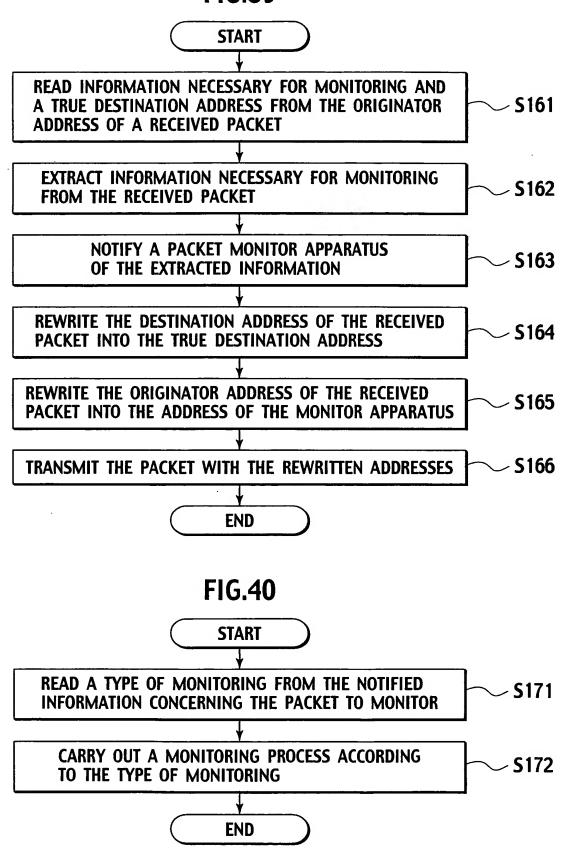


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FIG.39



Inventors: Etsuko KOYANAGI et al. et al.
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